

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A process for methane fermentation treatment of an organic wastewater containing a sulfur compound, ~~which comprises~~ using an upflow anaerobic sludge blanket treatment apparatus, comprising:

feeding organic wastewater to said upflow anaerobic sludge blanket treatment apparatus, so a flow rate of said organic wastewater inside said apparatus is between 0.5 and 5 m/h;

detecting a concentration of hydrogen sulfide in a biogas generated from a step of methane fermentation treatment in said apparatus; and

conducting a control of subjecting the said organic wastewater which flows into said apparatus to a desulfurization treatment operation in the case that when the concentration of hydrogen sulfide in the biogas exceeds a predetermined value between 1 and 2%,

wherein the desulfurization treatment is a desulfurization treatment by adding a desulfurization agent containing an iron ion.

2. (Canceled)

3. (Currently Amended) The process for methane fermentation treatment of an organic wastewater according to claim 1,

wherein the desulfurization treatment operation is a desulfurization treatment of adding a desulfurizing agent containing an iron ion is added so that a molar ratio of the iron ion to sulfur compound is from 0.05 to 1 between 0.05 and 1.

4-8. (Canceled)